

Title (en)  
Fuel/air mixing device

Title (de)  
Brennstoff-Luft Mischvorrichtung

Title (fr)  
Dispositif de mélange carburant-air

Publication  
**EP 0711957 A2 19960515 (EN)**

Application  
**EP 95307274 A 19951013**

Priority  
NO 943918 A 19941014

Abstract (en)  
This invention relates to a fuel/air mixing device for two stage lean flow pre-mix combustion chambers in gas turbines. The primary and secondary combustors are formed as venturi nozzles and the primary venturi is mounted tangentially to a flametube (3), which surrounds the secondary venturi (2). The mixing device of the invention consists of a perforated cone providing for the penetration of the fuel air mixture into the primary flame.  
<IMAGE>

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**F23R 3/28**; **F23R 3/34**

IPC 8 full level  
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CPC (source: EP US)  
**F23R 3/286** (2013.01 - EP US); **F23R 3/346** (2013.01 - EP US)

Citation (applicant)  
EP 0445652 A1 19910911 - MOWILL ROLF JAN [NO]

Cited by  
EP0863369A3; US6026645A; US11174792B2; US11156164B2; WO9947859A1

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